

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE: (202) 371-2600 • FACSIMILE: (202) 371-2540 • www.skgf.com

SECTOR
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JUDITH U. KIM
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MARK P. TERRY**

*BAR OTHER THAN D.C.
**REGISTERED PATENT AGENT
***SENIOR COUNSEL

April 27, 2001

WRITER'S DIRECT NUMBER:

(202) 312-7261

INTERNET ADDRESS:

AFASULO@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

Box Missing Parts

Re: U.S. Utility Patent Application
Appl. No. 09/742,295; Filed: December 22, 2000
For: **Photonic Signal Frequency Up and Down-Conversion Using a
Photonic Band Gap Structure**
Inventors: Scalora *et al.*
Our Ref: 1659.0650001/EKS/HCC

Sir:

In reply to the "Notice to File Missing Parts of Application--Filing Date Granted," dated February 27, 2001, Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

1. Copy of the Notice to File Missing Parts;
2. Four (4) sheets of substitute drawings (containing Figures 16, 17A, 17B, and 18). **The margins of the substitute drawings now comply with 37 C.F.R. § 1.84 as required by the Notice to File Missing Parts.**
3. One Return postcard.

Please note, the Application Filing Fee, the Late Filing Surcharge, the Fee for Excess Claims, and Extension of Time fees, will be submitted with the executed Declaration at a later date. Please **do not** charge our Deposit Account at this time for these fees.

Commissioner for Patents

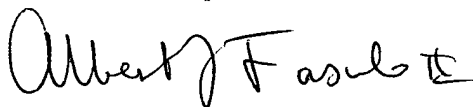
April 27, 2001

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It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Albert J. Fasulo, II
Attorney for Applicants
Registration No. 43,607

Enclosures

DJF/AJF:vrh
P:\USERS\AFASULO\1659\0650001\NTFMP-Reply
SKGF Rev. 4/27/00



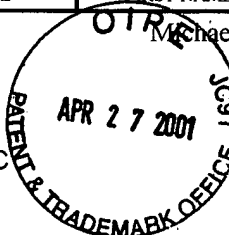
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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/742,295 | 12/22/2000 | Michael Scalora | 1659.0650001 |

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STERNE, KESSLER, GOLDSTEIN & FOX PLLC
1100 NEW YORK AVENUE, N.W., SUITE 600
WASHINGTON, DC 20005-3934



CONFIRMATION NO. 8153

FORMALITIES LETTER



OC000000005805720

Date Mailed: 02/27/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$206.
 - \$126 for 7 total claims over 20.
 - \$80 for 1 independent claims over 3 .
- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1046.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A copy of this notice MUST be returned with the reply.


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE